

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------|------------------|---------|------------------|
| L1    | 1288 | (upgrad\$5 or improv\$5) same (media or audio or video) same (history)                               | US-PGPUB; USPAT | ADJ              | ON      | 2011/10/09 11:20 |
| L2    | 161  | (upgrad\$5 or improv\$5) same (media or audio or video) same (history with (download\$5 or cach\$5)) | US-PGPUB; USPAT | ADJ              | ON      | 2011/10/09 11:21 |
| L3    | 7    | (content server) same (download near4 history)   | US-PGPUB; USPAT | ADJ              | ON      | 2011/10/09 11:27 |
| S1    | 1    | US-20040093396-A1.did.   | US-PGPUB; USPAT | ADJ              | ON      | 2007/06/18 10:49 |
| S2    | 165  | upgrad\$5 with quality with (digital audio or video or content)                                      | US-PGPUB; USPAT | ADJ              | ON      | 2007/06/18 13:38 |
| S3    | 12   | (upgrad\$5 with quality with (digital audio or video or content)) same (download\$5)                 | US-PGPUB; USPAT | ADJ              | ON      | 2007/06/18 13:37 |
| S4    | 0    | ("2003/0051159").URPN.   | USPAT           | ADJ              | ON      | 2007/06/18 13:34 |
| S5    | 2    | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.                          | USPAT           | ADJ              | ON      | 2007/06/18 13:34 |
| S6    | 5    | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.                          | US-PGPUB; USPAT | ADJ              | ON      | 2007/06/18 13:35 |
| S7    | 12   | S2 and "709".clas.   | US-PGPUB; USPAT | ADJ              | ON      | 2007/06/18 13:38 |
| S8    | 6    | (upgrade (quality or bit rate or sampling rate) (audio or video) (file or clip or content))          | US-PGPUB; USPAT | WITH             | ON      | 2007/06/18 13:41 |

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|-----|-----|---|------------------------|-----|----|------------------|
| S9  | 15  | ("5434678"   "5485611"   "5606359"   "5621429"   "5699458"   "5758181"   "5832300"   "5861920"   "5870553"   "5880728"   "5886733"   "5949551"   "6038257"   "6185625").PN. OR ("6745226").URPN.  | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/06/18 13:47 |
| S10 | 20  | ("4414580"   "4654484"   "4672444"   "4870497"   "5233654"   "5408270"   "5426513"   "5448568"   "5504933"   "5515106"   "5801753").PN. OR ("5886733").URPN.  | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/06/18 14:37 |
| S11 | 26  | ("2001002900"   "20010013123"   "5727159"   "5737495"   "5737536"   "5742892"   "5745642"   "5754774"   "5768511"   "5768527"   "5886733"   "5898833"   "5930526"   "5933835"   "5996022"   "6025877"   "6154771"   "6167442"   "6182031"   "6185625"   "6230162"   "6237031"   "6247050").PN. OR ("6363413").URPN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2007/06/18 14:54 |
| S12 | 3   | ("6363413").URPN.   | USPAT                  | ADJ | ON | 2007/06/18 15:20 |
| S13 | 0   | (video or audio) with (upgrad\$5) with (quality) same (user near3 request)  | US-POPUB; USPAT        | ADJ | ON | 2008/02/20 15:32 |
| S14 | 1   | (video or audio) with (upgrad\$5) with (quality) same (user and request)  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 15:32 |
| S15 | 87  | (video or audio) with (upgrad\$5) with (quality)  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 15:33 |
| S16 | 290 | (user or customer) with (upgrad\$5) with (audio or video)   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 15:34 |
| S17 | 7   | (user or customer) with request with (upgrad\$5) with (audio or video)  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 15:35 |
| S18 | 20  | request with (upgrad\$5) with (audio or video)  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 15:43 |
| S19 | 129 | request with user with (video or audio) with higher   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 16:34 |

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|-----|----|--|------------------------|-----|----|------------------|
| S20 | 11 | request with user with (video or audio) with higher with quality   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/20 16:34 |
| S21 | 4  | ("6128737"   "6182214"   "6351491"   "6392705"). PN.   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/24 14:08 |
| S22 | 1  | ("6392705").PN.  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/24 14:09 |
| S23 | 95 | granularity scalable   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/24 14:27 |
| S28 | 68 | upgrad\$5 with video and (download\$5 with stream)   | US-PGPUB; USPAT        | ADJ | ON | 2008/02/24 14:31 |
| S34 | 14 | (quality or format) with (user) with (request) with upgrad\$5  | US-PGPUB; USPAT        | ADJ | ON | 2008/02/24 14:55 |
| S35 | 1  | "1465426"  | EPO                    | ADJ | ON | 2008/02/24 15:00 |
| S37 | 5  | (upgrad\$ or enhanc\$4 or impov\$5) with ((video or image) with quality) with (user with request)  | US-PGPUB; USPAT; EPO   | ADJ | ON | 2008/02/24 15:11 |
| S38 | 58 | ("20010021260"   "4301469"   "4302775"   "4385363"   "4394774"   "4410916"   "4546385"   "4550437"   "4646356"   "4698672"   "4704628"   "4743959"   "5014710"   "5046027"   "5047853"   "5271072"   "5287452"   "5309232"   "5416602"   "5471989"   "5552832"   "5581613"   "5583561"   "5619995"   "5621660"   "5646618"   "5715823"   "5721815"   "5754820"   "5812119"   "5812788"   "5882206"   "5897498"   "5920317"   "5959639"   "5999655"   "6005979"   "6009346"   "6018713"   "6025854"   "6054990"   "6058215"   "6063032"   "6064324"   "6078691"   "6091777"   "6115485"   "6144392"   "6181711"   "6219358"   "6324599"   "6335990"   "6338119"   "6339616"   "6384862"   "6571392"   "6592629"   "6651113").PN. OR | US-PGPUB; USPAT; USOOR | ADJ | ON | 2008/02/24 15:19 |

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|-----|------|--|----------------------|-----|----|------------------|
|     |      | ("7191462").URPN.  |                      |     |    |                  |
| S39 | 133  | ((download\$5) with (video or audio) with (format) with (indicat\$5 or select\$5 or pick\$5)                                 | US-PGPUB; USPAT      | ADJ | ON | 2008/02/25 16:31 |
| S40 | 49   | ((download\$5) with (video or audio) with (bit rate or quality) with (indicat\$5 or select\$5 or pick\$5)                    | US-PGPUB; USPAT      | ADJ | ON | 2008/02/25 16:34 |
| S41 | 6044 | (video or audio) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)                 | US-PGPUB; USPAT      | ADJ | ON | 2008/02/26 11:12 |
| S42 | 116  | ((video or audio) near3 (file)) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT      | ADJ | ON | 2008/02/26 11:13 |
| S43 | 13   | (upgrad\$ or enhanc\$4 or improv\$5) with ((video or image or audio) quality) with (user) with (download \$5 or transmit\$5) | US-PGPUB; USPAT; EPO | ADJ | ON | 2008/02/26 12:36 |
| S44 | 5    | ("20030021296"   "6128737"   "6182214"   "6351491"   "6392705"). PN.   | US-PGPUB; USPAT      | ADJ | ON | 2008/09/09 14:45 |
| S45 | 4    | ("6128737"   "6182214"   "6351491"   "6392705"). PN.   | US-PGPUB; USPAT      | ADJ | ON | 2008/09/09 14:45 |
| S46 | 3    | ("6006283"   "7072366"   "7167560").PN.  | US-PGPUB; USPAT      | ADJ | ON | 2008/09/09 14:45 |
| S47 | 8    | S44 or S45 or S46  | US-PGPUB; USPAT      | ADJ | ON | 2008/09/09 14:45 |
| S48 | 1    | US-20040093396-A1.did.   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S49 | 215  | upgrad\$5 with quality with (digital audio or video or content)  | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S50 | 17   | (upgrad\$5 with quality with (digital audio or video or content)) same (download\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S51 | 0    | ("2003/0051159").URPN.   | USPAT                | ADJ | ON | 2009/09/08 13:41 |

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| S52 | 2  | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.  | USPAT                        | ADJ  | ON | 2009/09/08<br>13:41 |
| S53 | 5  | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.  | US-PGPUB;<br>USPAT           | ADJ  | ON | 2009/09/08<br>13:41 |
| S54 | 19 | S49 and "709".clas.  | US-PGPUB;<br>USPAT           | ADJ  | ON | 2009/09/08<br>13:41 |
| S55 | 10 | (upgrade (quality or bit rate or sampling rate) (audio or video) (file or clip or content))  | US-PGPUB;<br>USPAT           | WITH | ON | 2009/09/08<br>13:41 |
| S56 | 17 | ("5434678"   "5485611"   "5606359"   "5621429"   "5699458"   "5758181"   "5832300"   "5861920"   "5870553"   "5880728"   "5886733"   "5949551"   "6038257"   "6185625").PN. OR ("6745226").URPN.   | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2009/09/08<br>13:41 |
| S57 | 25 | ("4414580"   "4654484"   "4672444"   "4870497"   "5233654"   "5408270"   "5426513"   "5448568"   "5504933"   "5515106"   "5801753").PN. OR ("5886733").URPN.   | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2009/09/08<br>13:41 |
| S58 | 28 | ("20010002900"   "20010013123"   "5727159"   "5737495"   "5737536"   "5742892"   "5745642"   "5754774"   "5768511"   "5768527"   "5886733"   "5898833"   "5930526"   "5933835"   "5996022"   "6025877"   "6154771"   "6167442"   "6182031"   "6185625"   "6230162"   "6237031"   "6247050").PN. OR ("6363413").URPN. | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2009/09/08<br>13:41 |
| S59 | 5  | ("6363413").URPN.  | USPAT                        | ADJ  | ON | 2009/09/08<br>13:41 |
| S60 | 0  | (video or audio) with (upgrad\$5) with (quality) same (user near3 request)   | US-PGPUB;<br>USPAT           | ADJ  | ON | 2009/09/08<br>13:41 |

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|-----|-----|--|----------------------------|-----|----|---------------------|
| S61 | 2   | (video or audio) with<br>(upgrad\$5) with (quality)<br>same (user and request)                             | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S62 | 108 | (video or audio) with<br>(upgrad\$5) with (quality)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S63 | 399 | (user or customer) with<br>(upgrad\$5) with (audio or<br>video)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S64 | 9   | (user or customer) with<br>request with (upgrad\$5)<br>with (audio or video)                               | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S65 | 25  | request with (upgrad\$5)<br>with (audio or video)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S66 | 185 | request with user with<br>(video or audio) with<br>higher  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S67 | 15  | request with user with<br>(video or audio) with<br>higher with quality                                     | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S68 | 4   | ("6128737"   "6182214"  <br>"6351491"   "6392705").<br>PN.   | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S69 | 1   | ("6392705").PN.  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S70 | 112 | granularity scalable   | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S71 | 85  | upgrad\$5 with video and<br>(download\$5 with stream)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S72 | 19  | (quality or format) with<br>(user) with (request) with<br>upgrad\$5  | US-PGPUB;<br>USPAT         | ADJ | ON | 2009/09/08<br>13:41 |
| S73 | 1   | "1465426"  | EPO                        | ADJ | ON | 2009/09/08<br>13:41 |
| S74 | 5   | (upgrad\$ or enhanc\$4 or<br>impov\$5) with ((video or<br>image) with quality) with<br>(user with request) | US-PGPUB;<br>USPAT;<br>EPO | ADJ | ON | 2009/09/08<br>13:41 |

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|-----|------|--|------------------------|-----|----|---------------------|
| S75 | 60   | ("20010021260"   "4301469"   "4302775"   "4385363"   "4394774"   "4410916"   "4546385"   "4550437"   "4646356"   "4698672"   "4704628"   "4743959"   "5014710"   "5046027"   "5047853"   "5271072"   "5287452"   "5309232"   "5416602"   "5471989"   "5552832"   "5581613"   "5583561"   "5619995"   "5621660"   "5646618"   "5715823"   "5721815"   "5754820"   "5812119"   "5812788"   "5882206"   "5897498"   "5920317"   "5959639"   "5999655"   "6005979"   "6009346"   "6018713"   "6025854"   "6054990"   "6058215"   "6063032"   "6064324"   "6078691"   "6091777"   "6115485"   "6144392"   "6181711"   "6219358"   "6324599"   "6335990"   "6338119"   "6339616"   "6384862"   "6571392"   "6592629"   "6651113").PN. OR ("7191462").URPN. | US-PGPUB; USPAT; USOGR | ADJ | ON | 2009/09/08<br>13:41 |
| S76 | 181  | (download\$5) with (video or audio) with (format) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/08<br>13:41 |
| S77 | 71   | (download\$5) with (video or audio) with (bit rate or quality) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/08<br>13:41 |
| S78 | 7600 | (video or audio) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT        | ADJ | ON | 2009/09/08<br>13:41 |
| S79 | 183  | ((video or audio) near3 (file)) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT        | ADJ | ON | 2009/09/08<br>13:41 |

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|-----|-----|---|----------------------|-----|----|------------------|
| S80 | 17  | (upgrad\$ or enhanc\$4 or improv\$5) with ((video or image or audio) quality) with (user) with (download \$5 or transmit\$5)  | US-PGPUB; USPAT; EPO | ADJ | ON | 2009/09/08 13:41 |
| S81 | 5   | ("20030021296"   "6128737"   "6182214"   "6351491"   "6392705").PN.   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S82 | 4   | ("6128737"   "6182214"   "6351491"   "6392705").PN.   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S83 | 3   | ("6006283"   "7072366"   "7167560").PN.   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S84 | 8   | S81 or S82 or S83   | US-PGPUB; USPAT      | ADJ | ON | 2009/09/08 13:41 |
| S85 | 13  | (US-20030051159-\$ or US-20010042048-\$ or US-20040196972-\$ or US-20040133668-\$).did. or (US-6157377-\$ or US-6745226-\$ or US-5886733-\$ or US-5949551-\$ or US-6314452-\$ or US-6363413-\$ or US-6536043-\$ or US-7191462-\$ or US-7072366-\$).did. | US-PGPUB; USPAT      | ADJ | ON | 2010/02/25 15:19 |
| S86 | 3   | S85 and (subtract\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2010/02/25 15:19 |
| S87 | 10  | (stream\$5 with media) same (subtract\$5) same (upgrad\$5 or improv\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2010/02/25 15:22 |
| S88 | 241 | (stream\$5 with media) same (subtract\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2010/02/25 15:25 |
| S89 | 76  | (stream\$5 with media) with (subtract\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2010/02/25 15:25 |
| S90 | 117 | (upgrad\$ or enhanc\$4 or improv\$5) with (bit) with (audio or video or image) with user  | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:28 |
| S91 | 11  | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image) with user  | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:29 |
| S92 | 436 | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image)  | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:30 |

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|------|------|--|----------------------|-----|----|------------------|
| S93  | 13   | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image) with (target or predetermin\$5 or option)         | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:31 |
| S94  | 1572 | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality)   | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:35 |
| S95  | 26   | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality) with (upgrad\$ or enhanc\$4 or improv\$5)           | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:35 |
| S96  | 86   | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality) with (download\$5)                                  | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:37 |
| S97  | 756  | (audio or song or video) with (user) with (select\$5 or choos\$5 or request) with (bitrate or format or quality) with (download\$5 or receiv\$5) | US-PGPUB; USPAT; EPO | ADJ | ON | 2010/06/16 16:44 |
| S98  | 1    | "6598162".pn.  | US-PGPUB; USPAT      | ADJ | ON | 2010/12/02 15:49 |
| S99  | 5    | ("2001/0042048").URPN.   | USPAT                | ADJ | ON | 2010/12/02 15:51 |
| S100 | 1    | "6888477".pn.  | USPAT                | ADJ | ON | 2010/12/02 15:53 |
| S101 | 0    | us-20050276284-\$pn.   | USPAT                | ADJ | ON | 2010/12/02 15:54 |
| S102 | 0    | us-20050276284-\$did.  | USPAT                | ADJ | ON | 2010/12/02 15:54 |
| S103 | 1    | us-20050276284-\$did.  | US-PGPUB; USPAT      | ADJ | ON | 2010/12/02 15:55 |
| S104 | 1    | US-20040093396-A1.did.   | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07 16:52 |
| S105 | 314  | upgrad\$5 with quality with (digital audio or video or content)  | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07 16:52 |
| S106 | 24   | (upgrad\$5 with quality with (digital audio or video or content)) same (download\$5)   | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07 16:52 |
| S107 | 4    | ("2003/0051159").URPN.   | USPAT                | ADJ | ON | 2011/10/07 16:52 |

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|------|----|--|------------------------------|------|----|---------------------|
| S108 | 2  | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.  | USPAT                        | ADJ  | ON | 2011/10/07<br>16:52 |
| S109 | 5  | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562").PN.  | US-PGPUB;<br>USPAT           | ADJ  | ON | 2011/10/07<br>16:52 |
| S110 | 26 | S105 and "709".clas.   | US-PGPUB;<br>USPAT           | ADJ  | ON | 2011/10/07<br>16:52 |
| S111 | 15 | (upgrade (quality or bit rate or sampling rate) (audio or video) (file or clip or content))  | US-PGPUB;<br>USPAT           | WITH | ON | 2011/10/07<br>16:52 |
| S112 | 22 | ("5434678"   "5485611"   "5606359"   "5621429"   "5699458"   "5758181"   "5832300"   "5861920"   "5870553"   "5880728"   "5886733"   "5949551"   "6038257"   "6185625").PN. OR ("6745226").URPN.   | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2011/10/07<br>16:52 |
| S113 | 29 | ("4414580"   "4654484"   "4672444"   "4870497"   "5233654"   "5408270"   "5426513"   "5448568"   "5504933"   "5515106"   "5801753").PN. OR ("5886733").URPN.   | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2011/10/07<br>16:52 |
| S114 | 31 | ("20010002900"   "20010013123"   "5727159"   "5737495"   "5737536"   "5742892"   "5745642"   "5754774"   "5768511"   "5768527"   "5886733"   "5898833"   "5930526"   "5933835"   "5996022"   "6025877"   "6154771"   "6167442"   "6182031"   "6185625"   "6230162"   "6237031"   "6247050").PN. OR ("6363413").URPN. | US-PGPUB;<br>USPAT;<br>USOOR | ADJ  | ON | 2011/10/07<br>16:52 |
| S115 | 8  | ("6363413").URPN.  | USPAT                        | ADJ  | ON | 2011/10/07<br>16:52 |
| S116 | 1  | (video or audio) with (upgrad\$5) with (quality) same (user near3 request)   | US-PGPUB;<br>USPAT           | ADJ  | ON | 2011/10/07<br>16:52 |

|      |     |  |                            |     |    |                     |
|------|-----|--|----------------------------|-----|----|---------------------|
| S117 | 7   | (video or audio) with<br>(upgrad\$5) with (quality)<br>same (user and request)                             | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S118 | 150 | (video or audio) with<br>(upgrad\$5) with (quality)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S119 | 563 | (user or customer) with<br>(upgrad\$5) with (audio or<br>video)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S120 | 13  | (user or customer) with<br>request with (upgrad\$5)<br>with (audio or video)                               | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S121 | 32  | request with (upgrad\$5)<br>with (audio or video)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S122 | 233 | request with user with<br>(video or audio) with<br>higher  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S123 | 20  | request with user with<br>(video or audio) with<br>higher with quality                                     | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S124 | 4   | ("6128737"   "6182214"  <br>"6351491"   "6392705").<br>PN.   | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S125 | 1   | ("6392705").PN.  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S126 | 152 | granularity scalable   | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S127 | 111 | upgrad\$5 with video and<br>(download\$5 with stream)  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S128 | 28  | (quality or format) with<br>(user) with (request) with<br>upgrad\$5  | US-PGPUB;<br>USPAT         | ADJ | ON | 2011/10/07<br>16:52 |
| S129 | 1   | "1465426"  | EPO                        | ADJ | ON | 2011/10/07<br>16:52 |
| S130 | 6   | (upgrad\$ or enhanc\$4 or<br>impov\$5) with ((video or<br>image) with quality) with<br>(user with request) | US-PGPUB;<br>USPAT;<br>EPO | ADJ | ON | 2011/10/07<br>16:52 |

|      |      |  |                        |     |    |                     |
|------|------|--|------------------------|-----|----|---------------------|
| S131 | 62   | ("20010021260"   "4301469"   "4302775"   "4385363"   "4394774"   "4410916"   "4546385"   "4550437"   "4646356"   "4698672"   "4704628"   "4743959"   "5014710"   "5046027"   "5047853"   "5271072"   "5287452"   "5309232"   "5416602"   "5471989"   "5552832"   "5581613"   "5583561"   "5619995"   "5621660"   "5646618"   "5715823"   "5721815"   "5754820"   "5812119"   "5812788"   "5882206"   "5897498"   "5920317"   "5959639"   "5999655"   "6005979"   "6009346"   "6018713"   "6025854"   "6054990"   "6058215"   "6063032"   "6064324"   "6078691"   "6091777"   "6115485"   "6144392"   "6181711"   "6219358"   "6324599"   "6335990"   "6338119"   "6339616"   "6384862"   "6571392"   "6592629"   "6651113").PN, OR ("7191462").URPN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2011/10/07<br>16:52 |
| S132 | 227  | (download\$5) with (video or audio) with (format) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S133 | 97   | (download\$5) with (video or audio) with (bit rate or quality) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S134 | 9972 | (video or audio) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S135 | 265  | ((video or audio) near3 (file)) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |

|      |     |   |                      |      |    |                  |
|------|-----|---|----------------------|------|----|------------------|
| S136 | 25  | (upgrad\$ or enhanc\$4 or impov\$5) with ((video or image or audio) quality) with (user) with (download \$5 or transmit\$5) | US-PGPUB; USPAT; EPO | ADJ  | ON | 2011/10/07 16:52 |
| S137 | 5   | ("20030021296"   "6128737"   "6182214"   "6351491"   "6392705"). PN.  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S138 | 4   | ("6128737"   "6182214"   "6351491"   "6392705"). PN.  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S139 | 3   | ("6006283"   "7072366"   "7167560").PN.   | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S140 | 8   | S137 or S138 or S139  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S141 | 1   | US-20040093396-A1.did.  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S142 | 314 | upgrad\$5 with quality with (digital audio or video or content)   | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S143 | 24  | (upgrad\$5 with quality with (digital audio or video or content)) same (download\$5)  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S144 | 4   | ("2003/0051159").URPN.  | USPAT                | ADJ  | ON | 2011/10/07 16:52 |
| S145 | 2   | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562"). PN.  | USPAT                | ADJ  | ON | 2011/10/07 16:52 |
| S146 | 5   | ("20010042048"   "20020076049"   "20020154887"   "6744891"   "6751562"). PN.  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S147 | 26  | S142 and "709".clas.  | US-PGPUB; USPAT      | ADJ  | ON | 2011/10/07 16:52 |
| S148 | 15  | (upgrade (quality or bit rate or sampling rate) (audio or video) (file or clip or content))                                 | US-PGPUB; USPAT      | WITH | ON | 2011/10/07 16:52 |

|      |     |  |                        |     |    |                     |
|------|-----|--|------------------------|-----|----|---------------------|
| S149 | 22  | ("5434678"   "5485611"   "5606359"   "5621429"   "5699458"   "5758181"   "5832300"   "5861920"   "5870553"   "5880728"   "5886733"   "5949551"   "6038257"   "6185625").PN. OR ("6745226").URPN.   | US-PGPUB; USPAT; USOOR | ADJ | ON | 2011/10/07<br>16:52 |
| S150 | 29  | ("4414580"   "4654484"   "4672444"   "4870497"   "5233654"   "5408270"   "5426513"   "5448568"   "5504933"   "5515106"   "5801753").PN. OR ("5886733").URPN.   | US-PGPUB; USPAT; USOOR | ADJ | ON | 2011/10/07<br>16:52 |
| S151 | 31  | ("20010002900"   "20010013123"   "5727159"   "5737495"   "5737536"   "5742892"   "5745642"   "5754774"   "5768511"   "5768527"   "5886733"   "5898833"   "5930526"   "5933835"   "5996022"   "6025877"   "6154771"   "6167442"   "6182031"   "6185625"   "6230162"   "6237031"   "6247050").PN. OR ("6363413").URPN. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2011/10/07<br>16:52 |
| S152 | 8   | ("6363413").URPN.  | USPAT                  | ADJ | ON | 2011/10/07<br>16:52 |
| S153 | 1   | (video or audio) with (upgrad\$5) with (quality) same (user near3 request)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S154 | 7   | (video or audio) with (upgrad\$5) with (quality) same (user and request)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S155 | 150 | (video or audio) with (upgrad\$5) with (quality)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S156 | 563 | (user or customer) with (upgrad\$5) with (audio or video)  | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S157 | 13  | (user or customer) with request with (upgrad\$5) with (audio or video)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S158 | 32  | request with (upgrad\$5) with (audio or video)   | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |
| S159 | 233 | request with user with (video or audio) with higher  | US-PGPUB; USPAT        | ADJ | ON | 2011/10/07<br>16:52 |

|      |     |   |                              |     |    |                     |
|------|-----|---|------------------------------|-----|----|---------------------|
| S160 | 20  | request with user with<br>(video or audio) with<br>higher with quality  | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S161 | 4   | ("6128737"   "6182214"  <br>"6351491"   "6392705").<br>PN.  | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S162 | 1   | ("6392705").PN.   | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S163 | 152 | granularity scalable  | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S164 | 111 | upgrad\$5 with video and<br>(download\$5 with stream)   | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S165 | 28  | (quality or format) with<br>(user) with (request) with<br>upgrad\$5   | US-PGPUB;<br>USPAT           | ADJ | ON | 2011/10/07<br>16:52 |
| S166 | 1   | "1465426"   | EPO                          | ADJ | ON | 2011/10/07<br>16:52 |
| S167 | 6   | (upgrad\$ or enhanc\$4 or<br>impov\$5) with ((video or<br>image) with quality) with<br>(user with request)  | US-PGPUB;<br>USPAT;<br>EPO   | ADJ | ON | 2011/10/07<br>16:52 |
| S168 | 62  | ("20010021260"  <br>"4301469"   "4302775"  <br>"4385363"   "4394774"  <br>"4410916"   "4546385"  <br>"4550437"   "4646356"  <br>"4698672"   "4704628"  <br>"4743959"   "5014710"  <br>"5046027"   "5047853"  <br>"5271072"   "5287452"  <br>"5309232"   "5416602"  <br>"5471989"   "5552832"  <br>"5581613"   "5583561"  <br>"5619995"   "5621660"  <br>"5646618"   "5715823"  <br>"5721815"   "5754820"  <br>"5812119"   "5812788"  <br>"5882206"   "5897498"  <br>"5920317"   "5959639"  <br>"5999655"   "6005979"  <br>"6009346"   "6018713"  <br>"6025854"   "6054990"  <br>"6058215"   "6063032"  <br>"6064324"   "6078691"  <br>"6091777"   "6115485"  <br>"6144392"   "6181711"  <br>"6219358"   "6324599"  <br>"6335990"   "6338119"  <br>"6339616"   "6384862"  <br>"6571392"   "6592629"  <br>"6651113").PN. OR | US-PGPUB;<br>USPAT;<br>USOOR | ADJ | ON | 2011/10/07<br>16:52 |

|      |      |   |                      |     |                           |
|------|------|---|----------------------|-----|---------------------------|
|      |      | ("7191462").URPN.   |                      |     |                           |
| S169 | 227  | ((download\$5) with (video or audio) with (format) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S170 | 97   | ((download\$5) with (video or audio) with (bit rate or quality) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S171 | 9972 | (video or audio) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)  | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S172 | 265  | ((video or audio) near3 (file)) with (bit rate or quality or (format near3 type)) with (indicat\$5 or select\$5 or pick\$5)   | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S173 | 25   | ((upgrad\$ or enhanc\$4 or impov\$5) with ((video or image or audio) quality) with (user) with (download\$5 or transmit\$5)   | US-PGPUB; USPAT; EPO | ADJ | ON<br>2011/10/07<br>16:52 |
| S174 | 5    | ("20030021298"   "6128737"   "6182214"   "6351491"   "6392705").PN.   | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S175 | 4    | ("6128737"   "6182214"   "6351491"   "6392705").PN.   | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S176 | 3    | ("6006283"   "7072366"   "7167560").PN.   | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S177 | 8    | S174 or S175 or S176  | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S178 | 13   | (US-20030051159-\$ or US-20010042048-\$ or US-20040196972-\$ or US-20040133668-\$).did. or (US-6157377-\$ or US-6745226-\$ or US-5886733-\$ or US-5949551-\$ or US-6314452-\$ or US-6363413-\$ or US-6536043-\$ or US-7191462-\$ or US-7072366-\$).did. | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |
| S179 | 3    | S178 and (subtract\$5)  | US-PGPUB; USPAT      | ADJ | ON<br>2011/10/07<br>16:52 |

|      |      |  |                      |     |    |                     |
|------|------|--|----------------------|-----|----|---------------------|
| S180 | 11   | (stream\$5 with media) same (subtract\$5) same (upgrad\$5 or improv\$5)  | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07<br>16:52 |
| S181 | 298  | (stream\$5 with media) same (subtract\$5)  | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07<br>16:52 |
| S182 | 96   | (stream\$5 with media) with (subtract\$5)  | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07<br>16:52 |
| S183 | 132  | (upgrad\$ or enhanc\$4 or improv\$5) with (bit) with (audio or video or image) with user   | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S184 | 13   | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image) with user   | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S185 | 521  | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image)   | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S186 | 19   | (upgrad\$ or enhanc\$4 or improv\$5) with (bitrate or bit?rate) with (audio or video or image) with (target or predetermin\$5 or option)         | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S187 | 1888 | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality)   | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S188 | 42   | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality) with (upgrad\$ or enhanc\$4 or improv\$5)           | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S189 | 93   | (audio or song) with (user) with (select\$5 or choos\$5) with (bitrate or format or quality) with (download\$5 or receiv\$5)                     | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S190 | 923  | (audio or song or video) with (user) with (select\$5 or choos\$5 or request) with (bitrate or format or quality) with (download\$5 or receiv\$5) | US-PGPUB; USPAT; EPO | ADJ | ON | 2011/10/07<br>16:52 |
| S191 | 1    | "6598162".pn.  | US-PGPUB; USPAT      | ADJ | ON | 2011/10/07<br>16:52 |
| S192 | 6    | ("2001/0042048").URPN.   | USPAT                | ADJ | ON | 2011/10/07<br>16:52 |

|      |   |                       |                    |     |    |                     |
|------|---|-----------------------|--------------------|-----|----|---------------------|
| S193 | 1 | "6888477".pn.         | USPAT              | ADJ | ON | 2011/10/07<br>16:52 |
| S194 | 0 | us-20050276284-\$pn.  | USPAT              | ADJ | ON | 2011/10/07<br>16:52 |
| S195 | 0 | us-20050276284-\$did. | USPAT              | ADJ | ON | 2011/10/07<br>16:52 |
| S196 | 1 | us-20050276284-\$did. | US-PGPUB;<br>USPAT | ADJ | ON | 2011/10/07<br>16:52 |

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